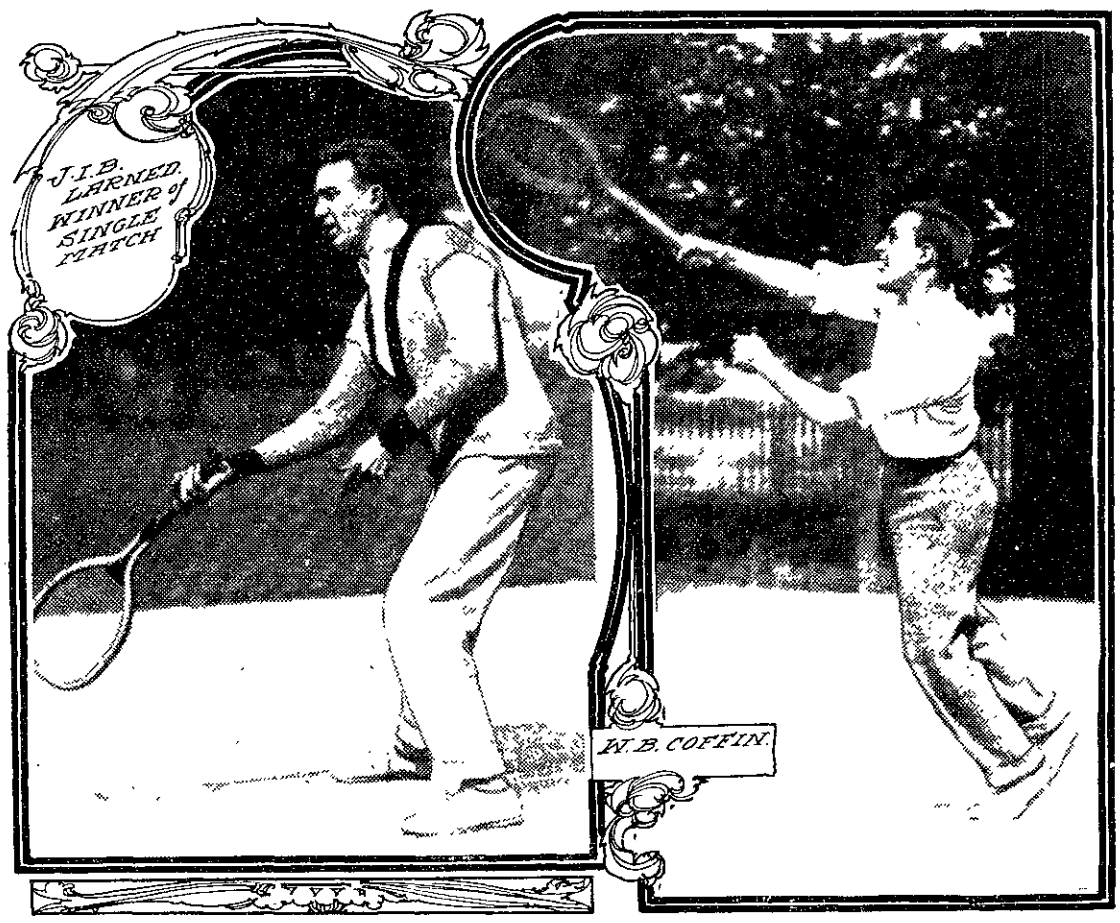
THE TECH

VOL. XXVI. No. 86 BOSTON, MASS., TUESDAY, JUNE 4, 1907 PRICE THREE CENTS

TECH WINS CHAMPIONSHIPS IN SINGLES AND DOUBLES

Singles in Intercollegiate matches goes to J. I. B. Larned '08, and Doubles go to J. I. B. Larned '08, and W. B. Coffin '07. Exciting matches throughout.



Coutersy of the Boston Globe.

SPREAD HELD INDOORS.

Rain Forced Class Day Spread into Rogers Library, Day Successful.

For the second time in the history of class day at the Institute the class day spread was held indoors yesterday. The inclement weather precluded all possibility of having the spread on the lawn.

Members of the graduating class, mothers and fathers, sisters and sweethearts gathered yesterday at two o'clock in Huntington Hall to hear the addresses and laugh at the stunts of the seniors.

Pres. Lawrence Allen opened the exercises with a short introductory speech presenting First Marshall John H. Leavell. The first marshall welcomed the guests and spoke of the life at the Institute. Mr. Leavell then introduced Donald G. Robbins, Class Historian and Statistician.

The class history and statistics were presented together in the form of a thesis. Starting off with a seriousness which promised a real thesis, there followed one of the most clever presentations of statistics ever given at class day exercises. The thesis was purported to be on the accurate determination of the action and reaction of the Class of 1907 and certain exterior reagents. The material used was divided up into various solutions. The first solution was a conglomerate mass of men in a certain amount of unity of purpose. This solution was first made up in 1903.

The chief reagents used were a

(Continued on Page 3.)

WORLD IS MORAL.

More so Than College, says Dr. Worcester to Seniors in Baccalaureate Sermon.

For spirtual and moral advice the seniors went Sunday afternoon to Trinity church, where the baccalaureate sermon was given by Rev. Dr. Elwood Worcester of the Emmanuel church. The seniors gathered in the rain upon Rogers steps a little before 4 o'clock and marched in a body.

Dr. Worcester spoke in part as follows:

"One of the most striking signs of our times is the labor it imposes on youth. Certainly the most significant spiritual fact in the past 50 years of our history is the development of that vast, graduated, complex system of education whose sole purpose is to train the minds and characters of the young. For this end no sacrifice is too great, no legitimate undertaking too costly. For this end our government, which ordinarily takes a somewhat parsimonious view of its duties to individuals, pours out its treasures like water. To this sacred cause come the princely gifts of individuals. The necessity of education is the one appeal that is [illegible] in vain.

Youth Made Longer.

"The years of pupilage have lengthened and the tasks devolving upon early life have grown heavier. We see signs of this everywhere in the tendency of all good colleges to raise their standards of admission, to lengthen their courses and

(Continued on Page 3.)

Technology won both singles and doubles in the eighth annual New England intercollegiate lawn tennis championships with J. I. B. Larned and W. B. Coffin as the Institute men to win all matches. Larned walked off with the singles, his preliminary matches coming easy, but in the finals he had to fight to beat his opponent Budlong of Brown. Larned and Coffin won the doubles.

On the first day Larned in the singles made a good start winning from Thompson of Williams in a lively two-set match, and removing Stearns of Dartmouth from the going in two love sets. Larned met the Wesleyan tennis crack on the second day in a match that was the feature of the day. It was a good match, interesting all the way, punctuated with some splendid rallies. Larned was the steadier and had more force, and his win was earned in straight sets.

Larned placed very accurately, using the ground stroke almost all the time. He was very sure on lobs, and his only fault was an unnecessary fluctuation in the first set.

When he overcame this weakness Larned began to win. White's backhand was unreliable and his best shot was a deep drive off the forehand. This, when it was in, was about sure of the ace, but it was too many times the cause of error to be reliable.

The first set was prettily played, and the men won own service until the fifth game, when Larned broke through and won off White, fol-

(Continued on Page 3.)

BROKE TWO RECORDS.

Dartmouth Wins. Tech Secures Fourth Place in New England Intercollegiates.

Surprising all spectators, and breaking two out of the three records established at the New England Intercollegiates on May 26, the Tech track team secured fourth place in the meet with twenty-one points, easily out-distancing Williams, her old rival, who finished fifth with only eleven.

Dartmouth won the meet very comfortably with forty-seven points, while Brown and Amherst ran a very close race for second place, the former eventually winning out with twenty-eight and a half points against the twenty-seven scored by her rival.

Udale's race in the two mile was the feature of the day. Starting in nineteenth place from the pole he was lost in the crowd during the first quarter, while Gallup of Brown, who drew the pole, took the lead. By the time the half-mile mark was reached, Udale had drawn away from the crowd and opened up a considerable lead. At the end of the mile he had increased this to fifty yards, doing the first half of the distance in 4 m. 57 sec.

From then on he maintained this lead. All the athletic experts looked on incredulously, and marveled that a Tech man should be able to run such a race. The general opinion was that it would be impossible for him to hold the pace. Udale, however, only lengthened his stride and began to set a faster pace for the second mile, holding it to the end, and finishing with a splendid sprint sixty yards ahead of Gallup. The time was 9 m. 52 4-5 sec., clipping 9 sec. off the New England Intercollegiate record established by Gallup at Tech Field two weeks previous. Greene of Brown was third and MacGregor of Tech won fourth place by a brilliant sprint at the finish.

The second record was broken by Gram in the semi-final of the 220-yard dash when he defeated

(Continued on Page 7.)

INCREASES NOTED.

At the annual meeting of the directors of the Co-operative Society the treasurer's report for the year 1906-07 was presented, showing a increase in membership and receipts from sales in the various buildings.

This year the society has handed over $950 to the Bursar, who has used it for scholarship and loan purposes. $500 has gone to the regular scholarship fund, while the other $450 has been used as a part of a so called Bursar's fund.

This latter is a sum of money which Bursar Rand has gathered together, the income from which is to be used to help the students who through no fault of their own lose scholarships and to help those who are occasionally found working under conditions that are a serious handicap to good studying.

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THE TECH

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In charge of this issue: W. F. DOLKE, 1908

Tuesday, June 4, 1907.

THE TECH regrets to announce that in the organization of the Board of Editors for next year Mr. Maurice E. Denny, 1908, and Mr. Lester H. King, 1909, have found it necessrry to resign. Mr. Henry W. Hoole, 1908, has been elected Editor-in-Chief. Mr. W. Fred Dolke, Jr., 1908, will continue as Managing Editor, and Mr. Raymond W. Parlin, 1908, as Business Manager. Mr. D. C. McMurtrie, 1910, has been elected Secretary of the Board and Sporting Editor.

Plans for Next Year.

In planning the work for next year, the feasibility of expanding THE TECH into a daily newspaper was given an earnest discussion, but it seemed that THE TECH could best fulfill its function in Institute life, for the near future at least, as a tri-weekly. However, in order to give each event a fuller, and therefore more interesting, "write-up," the size of the sheet will be expanded to five columns in width, and the length proportionally increased. The number of the Editorial Board is to be decreased to the lowest number possible with the highest efficiency. The feasibility of decreasing the subscription price to one dollar per year was also discussed with the sincere hope that the decrease might be made. However, in view of the fact that many extra expenditures have been planned, it has been found necessary to maintain the same subscription price.

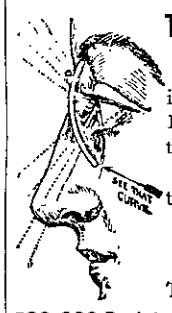
College Men in Business.

The report is finding currency that the great railroad, industrial and mining corporations have agents regularly employed to keep watch of undergraduates of colleges and technical schools, with the view of engaging the services of the most promising ones among them as soon as available. Probably, if the truth were known, it would be found that the hunt by railroad and business corporations for college men is largely centered upon the technical schools rather than the institutions giving a classical or general education. The graduates of the technical schools are in a more favorable position for obtaining a remunerative life work than those from other [illegible]

mercial quotes a Yale man, now in middle life, a lawyer of extensive practice and frequent lecturer before law school classes, as follows:

I have stopped giving advice to young men about a career in the law, medicine, banking, the Christian ministry, general business, or as educators. A boy of mine considerably under thirty, to whom I gave a technical-school education, much against my own judgment, is to-day in receipt of an annual income six times as large as my own and much greater than I can ever hope to earn, and has prospects so bright that they make me feel like a mummy. He is not exceptionally talented, exceptionally enterprising, or exceptionally fortunate. He simply came on the market with his engineering equipment at a time when its profitable disposition was easy—and every day, every minute, expands his opportunities. I have ceased theorizing. The new industrial conditions refute me at every point.

Experience is, to be sure, the great and best teacher of practical knowledge, and no educational institution can pretend to rival it. At a school like the Institute a man can hope to get those broad theories which are the foundations of the practical work of the outside world. Education enables men to enter the school of experience better adapted to learn therein. The college man has only to turn his attention to business to prove his high average worth in his pursuit. In the wide range of activity in the material development of the time there is an almost limitless field for inventive genius and for scientific and technical knowledge.



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WORLD IS MORAL.

Continued from Page 1.

o shorten their vacations. In short he tendency of the times, not only n our land but in all civilized ands, is to lengthen the period of youth and to fill those years with nard labor.

"The chance to lead a distinguished life only by virtue of good manners, wit and the traditions of a good family has practically disappeared, and in place of these

DONALD G. ROBBINS
CLASS HISTORIAN

charming accomplishments useful knowledge and capacity for hard work are the avenues to distinction.

"I have read with interest the charge made by some of our most successful business men that the people of this country are over-educated. They say, educate the poor, and the poverty of which before they were hardly conscious becomes an oppressive burden. It is all true. The simple are undoubtedly the happiest. To find real felicity, we must descend to the animal kingdom, and there the happiest animal is the oyster safely ensconced between his two shells. As for the man, he is never so blessed or so innocently employed as when he is sound asleep.

World More Moral than College.

"Without making any reflection on this college or any other college you will find the great world in which men and women live is a more moral place than the little world of college. There are two reasons why college morality falls below the morality of the remainder of the world at the present time. First, college life makes few demands upon our moral nature. It is too exclusively intellectual, too selfish. When you have learned the meaning of unselfish love, when you spend your days working for others, when instead of being adorned like the lillies of the field, you are agreeably surprised to find yourself with a new suit of clothes once or twice a year, you will begin to know what virtue is.

"The second reason is that Christian morality, the only morality worth talking about in our part of the world, is not received well by the institutions of learning. To tell the truth college professor has never exactly what to make of Ch ity, for the reason that Ch is a religion of life, not a system of ideas which the professor can take to pieces and put together again.

"There is one illusion that is dangerous. It is that life is long. On the contrary it is very short, [illegible] What thou [illegible] would say to you: Be [illegible] believe that life is [illegible]."

SPREAD HELD INDOORS.

(Continued from Page 1.)

stock solution of Faculty prepared in 1870, a turbulent solution of the Class of 1906 and a solution of of the Class of 1908. The data of the classes was all presented graphically, the curves being shown by the aid of lantern slides.

The first thing taken up was the average age of the class. By means of a graph the maximum age was shown to be 29 years 4 months and 29 days, the minimum 20 years 1 month and 11 days. The average age was worked out as 23 years, 13 days, 22 hours. In subtracting the time spent at the Institute for each of these ages the percentage of time spent at schooling was shown.

The average weight of the class was shown to be 148.6 pounds. Being equal to 32.16 and the specific gravity equal to 100.4 the cubical displacement was found to be 4110 inch units for this average man. Compressing this average man into a rectangular parallele piped with the height five feet seven inches and width 18 inches, he would be 3.36 inches thick.

It was found that the lightest man in the class weighed 108 pounds, while 220 pounds was the weight of the heaviest. But the variations of these from the mean were called huge errors after a short precision discussion. If the average man were to stand on his head the compressive strength in the neck was found. The deflection of the necks under these circumstances could not be found as the modulus of elasticity of rubber is an uncertain quantity. The friction of the class shoes upon the stairways was then shown.

The variation of intensity of class spirit was shown by curves and the brain growth plotted off. This curve showed a steady raise during the year, and a sudden fall just after examinations. There was predicted a sudden drop just after Commencement exercises. The number of men in the class in the four years was as follows: 348 in first year, 371 in second year, 341 in third year and 312 in fourth year. There were only 213 to receive degrees.

The Historian was followed by Erle F. Whitney, Prophet. His prophecy was in the form of a log of the pirate ship "1907." The entries were all in the regular sailor language and the prominent members of the class were included.

John M. Frank, Gift Orator, then gave to various members of the class, small useful presents. These gifts were all jokes on the recipients.

The class day oration was delivered by Hudson B. Hastings, in part as follows:

"During the past few years we have been living in an era of reform. To a large extent, the agent of this reform has been publicity. [illegible] discussed has dealt with [illegible] mercy. One [illegible] of our present system of government, however, which is sadly in need of revision, has up to the present time received but slight attention. This is our present form of city government.

"No description is needed to tell how inadequate are existing forms to maintain the efficiency which modern life demands. City government must be recognized solely as a business organization, and its affairs administered upon a business basis. [illegible] business standards [illegible] conditions, that it is no wonder the returns for public money are so small.

"The present form of city government is not a development from the necessities of local administration. It is an arbitrary transfer of national system to local use. In the whole history of its use in the United States, it has been successful but very rarely.

"What we need at the present time, is young men who are willing to give their time and energy to improving this condition of affairs. When a young man is here at the Institute studying his profession, he has little time for outside affairs; when he goes into active business life it is his duty to use his education to aid those who have not had his advantages. During his course of studies he learns the great value of accomplishing results in a systematic and business-like manner.

"It is not a matter which is indifferent to him personally, but one which concerns his every day welfare and convenience. The water supply, the condition of the streets, the police and fire departments, are of immediate concern to every individual and are matters in which he should take a personal interest. No one desires to see the taxes which he pays used for inefficient work. That is what the present form of city government does. The remedy for the present evils must be found in radical changes.

"The times favor reform, and every man should put forth his best efforts to bring city government up to proper level. The patriotic citizen and at the same time the citizen who best serves his own interests is he who does most to have municipal affairs soundly established on a thorough business basis."

Pres. Lawrence Allen then made the class presentation to the Institute. The gift was 150 copies of the new Tech song book just published by the class of 1907.

ROUGH-HOUSE AT DINNER.

Beginning with a small but fairly noisy rough-house and ending with one that will go down in the annals of undergraduate history the last undergraduate dinner of the class of 1907 at the American House on last Thursday evening was an all-around success.

The class had expected to have the announcements of graduation from the faculty before the dinner began, but they were disappointed and had to wait until after eleven before Prof. Merrill and the Registrar could get down town. The faculty had an all day meeting that lasted until 10.30 P.M.

The dinner went off smoothly to the accompianent of much singing and shouting. The seniors all showed a suppressed nervousness and anxiety that increased as the wa[illegible] or Secretary Merrill length[illegible] good orchestra was on han[illegible]pply music during the d[illegible]l to accompany the sing[illegible]

F[illegible] Morss, president of the al[illegible]association, James P. Munr[illegible] '82, and Bursar Rand were the speakers, making a strong appeal to the graduates to hold together as a class and to help the secretary, A. Macomber, to keep in touch with the men. Advice as to the proper behavior of a graduate on the day [illegible] was plentifully supplied by all the [illegible] and [illegible]

After the regular features of the dinner were concluded, the meeting broke up, the men wandering around the hotel waiting for the arrival of the announcements. More or less of a goodnatured roughhouse, prompted by the pent feelings of the men was kept up all the time, never ending until Secretary Merrill arrived.

The Dean arrived on the scene about eleven with the announcement that Prof. Merrill and Mr. Humphrey were following him and that the majority of the class had graduated. When the men had finanly passed in front of the Secretary and received their announcements, bedlam of the worst kind broke out.

All the men simply went to pieces and the noise and clamour was deafening for fifteen minutes. Then the whole class rushed from the building, and forming in a column of four marched to the Rogers steps, where after much singing and shouting the meeting broke up.

HEAP FUN AT RECEPTION.

Following closely the standard of good time set by the senior dinner the evening before, the alumni reception to the graduating class on Friday evening was greatly enjoyed by the large number present. Everett Morss, president of the alumni association, was grand master of the proceedings.

The fun of the evening began shortly after eight o'clock with the stunt of the seniors. Under the command of Capt. Wonson, two companies of soldiers, wearing anything from gunny-sacks, as in the case of Macomber, who had a very realistic make-up to ordinary clothes turned inside out, gave a short travesty on the batallion drill of Freshman days. The music was furnished by a band that, as far as music was concerned, would not take a prize even in competition with the Freshman cadet band. Packard was the leader and Stud Leavell at the base drum made most of the noise.

James Munroe, '82, represented both the class of 1892, which is

ERLE F. WHITNEY
CLASS PROPHET

celebrating its 25th anniversary, and the Corporation in his talk to the seniors. A. L. Plimpton, '77, spoke for the class of '77, Giles Taintor, '87, for the class of '87, and A. Jackson, '97, for the class of '97.

While the refreshments were being disposed of Cobb, '07, and Sibley, '09, entertained those present with their selections from this year's Tech Show, and G. R. Stetson, '07, gave several well-rendered selections on the cornet.

SUCCESSFUL FINANCIALLY.

John Tobin Presents Report of 1906-07 Track Season.

Conducted from a business standpoint in a manner that has not been known before, the 1907 track season has just closed.

To Manager Tobin is due great credit for the financial success of the season. More money has been realized from the meets, and more money has been available for the use of the track team. Further than that the results of the track season have been most uniformly successful.

The accounts recently turned in by the manager are as follows :

START OF SEASON.

Expenses :	
Posters	$3.00
Special Medals	2.60
Supplies	3.55
Total	$9.15
Cash on Hand	52.42
Balance	$41.27

FALL MEET.

Expenses :	
Posters	$5.00
Medals	33.18
Supplies	3.90
Total	$42.08
Gate Receipts	$92.50
Profits	$50.42

INDOOR MEET.

Total Expenses	$35.50
Gate Receipts	57.75
Profits	$22.25

SPRING MEET.

Expenses	$49.50
Receipts	49.50
Balance even	

PHILADELPHIA MEET.

Expenses for Seven Men	$113.15
Amount Collected	131.65
On Hand	$18.00

MAINE TRIP.

Expenses	$375.04
Maine Guarantee	250.00
Cost	$125 04

BROWN MEET.

Total Expense	$246.45
Total Receipts	155.89
Cost	$90.56

WORCESTER MEET.

Total Cost	$62.00

PERSONAL EXPENSE ACCOUNT.

Received	$36.25
Expended	32.69
On Hand	$3.56

JOHN H. LEAVELL
FIRST MARSHALL

ORR ELECTED CAPTAIN.

Thomas W. Orr, '08 was elect last Wednesday captain of t track team for next year. T men nominated were H. Rapelye '08, H. W. Blackburn, L. Gimson, and T. W. O Rapelye withdrew because of t amount of school work he w have next year. Orr was elect by a good margin.

Orr's work has been consiste throughout his career in tra athletics. He devoted most of l time to pole vaulting and by ha work has made himself a fi string man.

TECH Y. M. C. A. DINES.

That Technology will have large delegation at the Colle Y. M. C. A. conference at Nort field is assured. Thirty-five Tech men who are interested in Christian work at the Institute dined at the Union May 29. The object of the meeting was to interest men in the conference. After short speeches on the fun and work at Northfield

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J. H. LEAVELL,
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Commencement Exercises Simple and Democratic as Usual.

With the same simple impressiveness that has marked the graduation exercises at Technology in the past the commencement exercises of the Class of 1907 were held this afternoon. Members of the Faculty and those of the students who read their theses had seats upon the stage. With the graduating class occupying the centre portion of the hall, and with so many friends, guests, and alumni present the old hall was filled to overflowing.

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AGED 5

RRY)

world.

"In conferring upon you the degrees which are to follow, I can do no more than to commend to you the underlying principles of the Institute with which you have been familiar during your four years of study. Energy, devotion, readiness to work hard and efficiently, service to your fellow men, these are the things which you have heard in the school life and these are the fundamental qualities which you are to cultivate in the larger life.

Alumni Owe Obligation to Institute.

"I hope that you may carry with you a high sense of obligation to the colle[illegible]orth which sends you out. The Inst[illegible]f the w[illegible]Technology has just come[illegible]ll by the insti[illegible]d in its history when[illegible]o tell the tr[illegible]more and more to i[illegible]essor has never [illegible]support, for enco[illegible]t to make of Ch[illegible]ance. Its gover[illegible]son that Chr[illegible]e to be com[illegible]ot e grad[illegible]ssor goes out[illegible]th creasing distinc[illegible] the Institute looks future as one of its s[illegible]

"We are cele[illegible]this year in America the thr[illegible]hundredth anniversary of the establishment of the first English colony at Jamestown. The occa[illegible]refreshen our memories of the perils and difficulties of those early days and it has served, furthermore, to emphasize those qualities of courage and patience and endurance which made it possible for the little colony to live through those first ten years of life on Jamestown Island.

"Amongst all those who wrought in laying what has proved to be the foundations of a great nation there was no figure more heroic than that of the simple, earnest, resourceful soldier, John Smith, and I have thought that in this day, when we celebrate the anniversary of this settlement, I can do no better than to leave with you one of the sentiments which Smith himself wrote as expressing his own idea of what was worth doing in the world.

Gives John Smith's Advice.

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"[illegible]he rewards of high adminis[illegible]ve place will in the long run to him who adds to honesty, [illegible]ligence and energy, loyalty [illegible]self-discipline. The road to [illegible]ership, whether it lies in one [illegible] or another, whether in the [illegible]tructive work of discovery, of [illegible]ing towns, of peopling conti[illegible]s, or whether in the critical [illegible]: of reforming things unjust, [illegible]be found through service and [illegible]discipline. He who will com[illegible]d, must first learn to serve."

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JOHN M. FRANK
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The committee of award was composed of Professor Wendell, chairman, Dean Burton, Professors Lodge and Johnston, and Mr. Towne.

Huyler's

Chocol[illegible]s, Sherman Bonbons
and Read of Amhe[illegible]
of Amherst, was fourth [illegible] ya[illegible]
was 10 1-5. [illegible]uc[illegible]th

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College Ices and other
Refreshing Drinks served
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139 SUMMER STREET
146 TREMONT STREET

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C. H. Stone & Co.
of Boston

J. C. LITTLEFIELD
Tailor and Outfitter
12 BEACON STREET, BOSTON

[illegible] a larger and more complete [illegible]th[illegible]n can be seen elsewhere, and at [illegible] the same qualities. Look in [illegible] ex[illegible]ly prices before placing your [illegible]er. [illegible] [illegible]roches, Riding Breeches, and [illegible]s Suit Sp[illegible]ders.

DIS[illegible] TUDENTS

SUCCESSFUL FINANCIALLY.

John Tobin Presents Report of 1906-07 Track Season.

Conducted from a business standpoint in a manner that has not been known before, the 1907 track season has just closed.

To Manager Tobin is due great credit for the financial success of the season. More money has been realized from the meets, and more money has been available for the use of the track team. Further than that the results of the track season have been most uniformly successful.

The accounts recently turned in by the manager are as follows :

START OF SEASON.

Expenses :	
Posters	$3.00
Special Medals	2.60
Supplies	3.55
Total	$9.15
Cash on Hand	52.42
Balance	$41.27

FALL MEET.

Expenses :	
Posters	$5.00
Medals	33.18
Supplies	3.90
Total	$42.08
Gate Receipts	$92.50
Profits	$50.42

INDOOR MEET.

Total Expenses	$35.50
Gate Receipts	57.75
Profits	$22.25

SPRING MEET.

Expenses	$49.50
Receipts	49.50
Balance even	

PHILADELPHIA MEET.

Expenses for Seven Men	$113.15
Amount Collected	131.65
On Hand	$18.00

MAINE TRIP.

Expenses	$375.04
Maine Guarantee	250.00
Cost	$125.04

BROWN MEET.

Total Expense	$246.45
Total Receipts	155.89
Cost	$90.56

WORCESTER MEET.

Total Cost	$62.00

PERSONAL EXPENSE ACCOUNT.

Received	$36.25
Expended	32.69
On Hand	$3.56

JOHN H. LEAVELL
FIRST MARSHALL

ORR ELECTED CAPTAIN.

Thomas W. Orr, '08 was elected last Wednesday captain of the track team for next year. The men nominated were H. A. Rapelye '08, H. W. Blackburn, B. L. Gimson, and T. W. Orr. Rapelye withdrew because of the amount of school work he will have next year. Orr was elected by a good margin.

Orr's work has been consistent throughout his career in track athletics. He devoted most of his time to pole vaulting and by hard work has made himself a first string man.

TECH Y. M. C. A. DINES.

That Technology will have a large delegation at the College Y. M. C. A. conference at Northfield is assured. Thirty-five Tech men who are interested in Christian work at the Institute dined at the Union May 29. The object of the meeting was to interest men in the conference. After short speeches on the fun and work at Northfield

HUDSON B. HASTINGS
CLASS ORATOR

by D. S. Gates, L. W. Brock '07, E. L. Warren '08, and F. C. Mabee the fellows gathered around the piano to practice songs and cheers to give at Northfield. It was decided that the party should live in tents. Among those going for the full ten days are F. C. Mabee, E. L. Chaffee, '07, L. W. Brock, '07, E. S. Hanna, '09, R. H. Arms, '10, J. N. Stephenson, '09, and D. S. Gates. The following men will spend the Fourth of July with the party :

W. F. Turnbull '07, Y. R. Sun '10, Y. T. Tsai, and H. Collingham '10.

COMMUNICATION.

The Editors do not hold themselves responsible for opinions expressed by correspondents.

The Class Day Committee wishes to report that the following men did not pay the assessment of five dollars levied on each candidate : E. C. Evans, J. N. Glodding, P. B. Webber, S. M. Udale, W. B. Coffin, J. A. Kane, B. C. Baker, E. K. Lawrence, E. D. Boles, J. A. Cornell, C. M. Butler, J. H. Link, W. F. Kimball, P. F. Kennedy.

J. H. LEAVELL,
Chairman.

Found — Tech pipe has been found. Apply to the Bursar.

STATIONERY

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BOSTON LINEN
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(Adjoining Copley Square)

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[illegible] Proprietor.
[illegible], Manager.

If you want to make money this summer

We have a proposition by which a good man can, in three months, make more than enough to defray his college expenses for the next year.

There is no outfit to buy and no catechism which you have to learn. All you need is your own gray matter and a little help from us from time to time.

If you will write us we will gladly explain how we propose to make your next college year free from financial worry.

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[illegible] Chestnut Street
Philadelphia, Pennsylvania

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THE SATURDAY EVENING [illegible]

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One Box will make a Happy C[illegible]
Retail Store 416 Washington St.
4 Doors North of Summer Street
Boston College Ices Sold

PREXY ADVISES GRADUATES.

Commencement Exercises Simple and Democratic as Usual.

With the same simple impressiveness that has marked the graduation exercises at Technology in the past the commencement exercises of the Class of 1907 were held this afternoon. Members of the Faculty and those of the students who read their theses had seats upon the stage. With the graduating class occupying the centre portion of the hall, and with so many friends, guests, and alumni present the old hall was filled to overflowing.

LAWRENCE ALLEN
CLASS PRESIDENT

Professor William T. Sedgewick was master of ceremonies and introduced President Henry S. Pritchett as the principal speaker of the day. Dr. Pritchett's speech in part follows:

"You who are here as candidates for graduation today are the survivors of a much larger number who entered four years ago and you have now come to the last official act in which the Institute deals with you as students. From this hour you are graduates and have begun that life which is not separate from the college life but a continuation of it in the larger world.

"In conferring upon you the degrees which are to follow, I can do no more than to commend to you the underlying principles of the Institute with which you have been familiar during your four years of study. Energy, devotion, readiness to work hard and efficiently, service to your fellow men, these are the things which you have heard in the school life and these are the fundamental qualities which you are to cultivate in the larger life.

Alumni Owe Obligation to Institute.

"I hope that you may carry with you a high sense of obligation to the college which sends you out. The Institute of Technology has just come well by the instinct in its history where to tell the truth more and more to its professor has never failed support, for encouragement to make of Chance. Its governing reason that Christ to be come another graduate goes out with increasing distinction the Institute looks to the future as one of its sons.

"We are celebrating this year in America the three hundredth anniversary of the establishment of the first English colony at Jamestown. The occasion will refresh our memories of the perils and difficulties of those early days and it has served, furthermore, to emphasize those qualities of courage and patience and endurance which made it possible for the little colony to live through those first ten years of life on Jamestown Island.

"Amongst all those who wrought in laying what has proved to be the foundations of a great nation there was no figure more heroic than that of the simple, earnest, resourceful soldier, John Smith, and I have thought that in this day, when we celebrate the anniversary of this settlement, I can do no better than to leave with you one of the sentiments which Smith himself wrote as expressing his own idea of what was worth doing in the world.

Gives John Smith's Advice.

"'What truly suits with honor and honesty,' writes he, 'is the discovering things unknown, erecting towns, peopling countries, informing the ignorant, reforming things unjust, teaching virtue and gain to our native mother country.' I venture to commend these words of a simple and noble soul to you who go out today to serve our native mother country, you who are to discover things unknown, who are to erect towns, who are to help in the informing of the ignorant, and who will, I hope, bear a full part in reforming things unjust.

"The problem of the world today is not materially different from that of three hundred years ago. Great progress has been made in all that has to do with our ideals of citizenship and of service, but the same old evils have to be dealt with, and to meet them we need men of the same manly virtue as were called for in the days of 1607.

"Let me add just one other word. A deal has been said of late years concerning the conceit of college graduates and able editors have found it a fruitful source of humor since the day when Horace Greeley alluded to them as 'horned cattle.' Unfortunately, it is only too true that conceit is common to a large part of the human race: it sometimes exists even among practical business men themselves. A young man who has the right stuff in him usually gets over this sort of thing, whether he is a college graduate or not.

College Man has to Start at Bottom.

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"The rewards of high administrative place will in the long run fall to him who adds to honesty, intelligence and energy, loyalty and self-discipline. The road to leadership, whether it lies in one field or another, whether in the constructive work of discovery, of erecting towns, of peopling continents, or whether in the critical work of reforming things unjust, is to be found through service and self-discipline. He who will command, must first learn to serve."

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Huyler's

Chocolates, Sherman Bonbons
and Read of Amherst,
of Amherst, was fourth
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DISCOUNT TO STUDENTS

Candidates for the Degree of Doctor of Philosophy.

Raymond Haskell, S.B., S.M.
Robert Browning Sosman, B.Sc., S.B.
Morris Archer Stewart, B.S.

Candidates for the Degree of Master of Science.

Albert Alden Blodgett, S.B.; George Holbrooke Buckingham, S.B.; Edmund Schureman Campbell, S.B.; Colby Dill, A.B., S.B.; Charles Willis Fisher, Jr., U.S.N.; Edward Chambers Hamner, Jr., U.S.N.; Fitch Harison Haskell, A.B., B.S., Ralph Templeton Cushman Jackson, S.B.; Emory Scott Land, B.A., U.S.N.; James Reed, Jr., U.S.N.; Holden Chester Richardson, U.S.N.; John Henry Walsh, U.S.N.; John Williams Woodruff, U.S.N.; John Timothy Wrinkle, S.B.; Isaac Irving Yates, U.S.N.

Candidates for the Degree of Bachelor of Science.

I. Civil Engineering. II. Mechanical Engineering. III. Mining Engineering and Metallurgy. IV. Architecture. V. Chemistry. VI. Electrical Engineering. VII. Biology. VIII. Physics. X. Chemical Engineering. XI. Sanitary Engineering. XII. Geology. XIII. Naval Architecture.

Arthur Howard Abbott (VI); Franklin Oliver Adams, Jr., B.S. (IV); Charles Everett Allen (I); Lawrence Allen (I); James Perrie Alvey, Jr. (I); Henry Bissell Alvord (I); Anthony Brown Arnold, B.A. (II); Frederick Bachmann, (XIII); Cecil Franklin Baker (IV); Joseph Mullin Baker (II); James Madison Barker (I); John Gerald Barry (III); Charles Willett Beam, B.A. (I); Edgar Maurice Berliner (II); William Walter Bigelow (II); Rutherford Bingham (VI); Mildred Eleanor Blodgett (XII); Edwin Witthaus Bonta (IV); Clarence Allen Bowen (II); John Clement Bradley (VIII); William Henry Bradshaw, B.S. (X); Charles Ridgaway Bragdon, A.B. (X); Lester Wellington Brock (VI); Harry Newton Burhans (X); Albert Lewis Burwell (V); Walter Bicknell Cain (XIII); Attilio Horace Cenedella (I); John Patten Chadwick (III); Emory Leon Chaffee (VI); Howard Root Chase (I); William Balch Coffin, A.B. (IV); Raymond Francis Couron (I); James A. Correll, B.S. (VI); Joseph Samuel Coupal (III); Everett Russell Cowen (I); George Arthur Crane (I); Ralph Haskell Crosby (VI); Allan Reginald Cullimore (I); Paul Leander Cummings (IV); Charles Matthew Curl (XIII); Leverett Howell Cutten, A.B. (II); Maude Frances Darling (IV); John Allen Davis (III); Lawrence Ritchie Davis, B.S. (III); Carroll Sisson Dean (VI); Frederick Greiman Dempwolf (IV); Clayton Rhay Denmark (II); Victor Heyle Dickson, Assoc. in Sc. (II); Parker Van Patten Dodge (II); Albert Henry Donnewald, A.B. (III); T. F. Dorsey; Harold Stephen Duncan (III); Kirk Worrell Dyer, B.S. (X); Charles Albert Eaton (II); Seymour Joseph Egan (XIII); Martin Herbert Eisenhart, B. S. (X); Shepard Gilbert Emilio (III); Ernest Cleveland Evans (II); John Evans (VI); Otis Gerry Fales (II); John Tiernan Fallon (IV); Harold Phillips Farrington (I); John Hibbard Fellows, B.S. (II); Cornelius Simmons Fleming, Jr., B.S. (X); Harry Allen Frame (III); John Mayer Frank (VI); Louis Arthur Freedman (II); Roger David Gale (V); Roy Fellows Gale (VI); James Ernest Garrett (I); Warren Austin Gates (IV); James Mason Gaylord, B.S. (VI); Walter Brayton Gonder (V); Albert Edwards Greene (VIII); Phil Prescott Greenwood (VI); George Appleton Griffin (I); Harry Rutledge Hall (I); Henry Bartlett Hallowell (III); Edward William Hamill, A.B. (IV); Jesse Warren Griggs Hanford (II); Hudson Bridge Hastings (I); Warren Hastings (III); Marden Warner Hayward, S.B. (XII); Clarence Decatur Howe (I); Ralph Gorton Hudson (VI); Charles Morton Hutchins (III); Frederick Constant Jaccard (III); Arthur Harold Jansson (XIII); Arthur Rowney Jealous (II); John Frederick Johnson, Jr. (I); Grandville Reynard Jones, C.E. (XI); Thomas Callender Keeling (VI); Edward Francis Kelly (II); Philip Francis Kennedy, A.B. (VI); Robert Eugene Keyes (II); John Kimball (I); Harold Avery Kingsbury (X); John Charles Kinnear (III); Ralph Frank Knight (VI); Rudolf Heinrich Kudlich (II); Antoine Gilbert Labbe, A.B. (II); Joseph Thomas Lawton, Jr. (II); John Holland Leavell (III); Edward Guild Lee (I); Ernest Farnum Lewis, A.B. (IV); Harold Clifton Libby (I); Milton Turnley Lightner, A.B. (II); Roy Wallace Lindsay (X); John Hanger Link, A.B. (V); Dan Austin Loomis (XIII); Henry Delano Loring (I); Byron Peakes Luce (II); William Sylvester Lucey (II); Howard Hazen McChesney (VI); Howard Jeremiah Coombs MacDonald (III); Frank Sanderson McGregor (VIII); Milton Emery MacGregor (VIII); John Milton McMillin (III); Alexander Macomber (VI); John Theodore Mahar (II); Hermann William Mahr (V); Albert Preston Mansfield (VI); Samuel Abraham Marx (IV); Anthony Paul Mathesius (II); Nathan Atherton Middleton (II); Addison Miller (II); Stuart Read Miller (II); Benjamin Franklin Mills, A.B. (I); Kenneth Moller, A.B. (II); Harry Lawrence Moody (X); James Gates Moore (IV); John Ernest Moore, A.B. (VI); Fred William Morrill (I); Frederick Taft Moses (V); Floyd Archibald Naramore (IV); John Seymour Nicholl (II); Bryant Nichols (II); Prescott Raymond Nichols (VI); George Roswell Norton (II); Emory Chase Noyes (I); Charles Warren Nutter (II); Emerson Heard Packard (X); William Watters Pagon, A.B. (I); Hugh Girard Pastoriza (VI); Octavus Libbey Peabody (X); Maurice Henry Pease, B.A. (VI); William Graves Perry, A.B. (IV); Eugene Phelps (III); Allen Pope (II); Marcellus Rambo, B.S. (II); John Ralph Randall (II); Willis Ranney (I); Earl Howell Reed, Jr. (IV); Everett Rich (II); Edwin Cole Richardson (II); Franklin Ripley, Jr. (II); Donald Goodrich Robbins (II); Winslow Davis Robinson (XIII); Thomas Walton Roby, Jr., B.S. (I); Selden Emmett Rockwell, Ph.B. (II); Vernon Stone Rood (III); DeWitt Clinton Ruff (II); Donald Edwin Russ (V); Leonard Pomeroy Russell (VI); Merton Wilfred Sage (VIII); Roswell Eustis Sampson (III); Benjamin Karl Sharp (XIII); Ray Elmer Shedd (I); Frank Brown Shields (V); Gilbert Small (II); Tracy Smith, B.A. (VI); Edwin Bertrand Snow, Jr. (II); Winsor Soule, A.B. (IV); Herbert Gay Spear (X); Edmund Hincks Squire (II); Oscar Henry Starkweather (IV); Frank Clifford Stockwell, A.B. (VI); Carroll Fitch Story, B.S. (XI); Herbert Arthur Stillwold (IV); Phelps Nash Sweet (I); Herbert Arthur Terrell (II); Robert Ellis Thayer (II); John Joseph Thomas (II); Edmund Abiel Thornton (I); John Edward Tresnon (VI); Everett Esten Tunkington (II); Claude Vernon Turner, Ph.B. (VI); Arthur Kellam Tylee (VI); Frank Ryland van der Stucken (I); Samuel Rogers Taylor Very (IV); Willis Gersham Waldo (I); Paul Baron Webber (II); Sidney Deeds Wells (II); Laurence Wetmore (II); Erle Francis Whitney (VI); Joseph Damon Whittemore (VI); Leslie Clifford Whittemore (XI); Albert Edward Wiggin (III); Harold Street Wilkins (II); Roland Howard Willcomb (III); Edbert Carson Wilson, A.B. (I); William Samuel Wilson (V); Arthur Melvin Winslow, Ph.B. (I); Ephraim Stanley Wires (IV); Harold Sayward Wonson (XIII); Richard George Woodbridge, Jr. (V); William Lysander Woodward (X).

MAY GIVE CALCULUS.

If a sufficient number of students apply for it, there will be held a Summer Class in Differential Calculus. There will be an examination at the end of the course, which will consist of five lessons per week for five weeks, beginning June 12. Students may consult Mr. Passano.

CLEOFAN ELECTS.

At the last meeting of Cleofan the following officers were elected for the next school year: President Miss Ruth Maxwell, '09; Vice-President, Miss Florence Luscomb '09: Secretary, Miss Gladys Blake, '09; Treasurer, Miss Lahvesia Packwood, '07.

Students— Students having locker keys should turn them in to the several Departments, and present slips at the Bursar's window for rebate.

TECH NIGHT

POPS

SYMPHONY HALL

TUESDAY, JUNE 4, 1907

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42 Avon Street
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FOR
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STUDENT TICKETS AT $5.50
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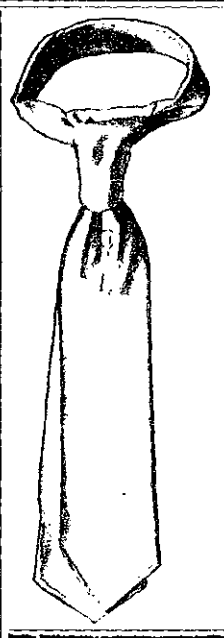

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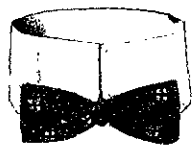

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FINAL HEAT, 220-YARD DASH

BROKE TWO RECORDS.

(Continued from Page 1.)

Stearns of Amherst, on a curved track in the remarkable time of 22 sec.; the fastest time ever made for the distance on the Worcester track. In the finals he drew ahead in the last hundred yards and defeated McCormick of Wesleyan by a good margin, in the time of 22 3-5 sec.

Horrax of Williams, was the other record-breaker, clearing the bar in the high-jump at 5 ft. 11 1-2 in., and wiping out the record established by Farrington of Tech last year. Rapelye did most remarkable work in this event, securing second place with a leap of 5 ft. 9 1-2 in. This was done without a single day of practice work during the season.

Lundell of Brown, won the mile run in 4 min. 35 1-8 sec. Tech's only place in this event was secured by Buckingham who made one of the pluckiest fights of the day, eventually placing fourth.

In the 100-yard Gram won third place, being beaten by the star sprinters, Sherman of Dartmouth and Read of Amherst. Keith of Amherst, was fourth The time was 10 1-5.

Nisbet f[illegible] pleasant surprise by getting third place in the discus throw, hurling the missile 105 ft. 5 in.

Orr won third place in the pole-vault at 10 ft. 6 in. The two Dartmouth stars, Bredemers and Blythe tied for first and second at 10 ft. 11 in.

The greatest interest of the day was centered in the high hurdles which were finally won by the intercollegiate record holder, Shaw of Dartmouth, defeating Hubbard of Amherst, in 15 2-5 sec. Mayhew of Brown was third and Horrax of Williams was fourth.

Tables were turned in the low hurdles, when Hubbard won out by a small margin over Shaw. Mayhew was again third and Brown of Dartmouth was fourth. The time, 25 sec., considering that the race was run on a curved track, was very good.

The track team thoroughly distinguished itself, and its plucky effort called forth general admiration.

Tech now holds three New England Intercollegiate records, being only excelled by Amherst who holds five; Bowdoin and Wes[illegible]yan each hold two, and Dartmouth Williams and Wesleyan have on[illegible] ap[illegible] to their credit.

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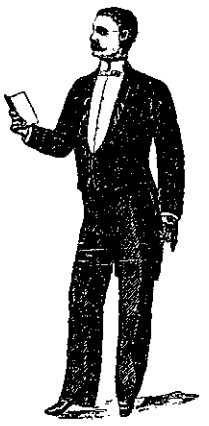

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TECH WINS CHAMPIONSHIP.

(Continued from Page 1.)

lowing with the seventh game and set. Larned's consistent driving and placing gave him the second set.

The final match in the singles was by all odds the most interesting of the tournament. Larned was against Budlong of Brown, and the latter took advantage of every opportunity that his opponent allowed him.

Budlong's plan of campaign was to run his man, and try his patience and skill overhead, but it did not work. Larned would not stay back to be run and what with his service and running in he put a block in front of his opponent that was effective.

Budlong put up a heady game, and with a realization of his opponent's weaknesses played to them persistently. His service to the far corners of Larned's forehand was quite effective. But Larned was too much for the Brown man, and even with his unsteadiness he had enough in store to win the last three sets handsomely.

Tech did not come into the doubles until the second day when the Institute pair walked off with matches against Dartmouth in the first round and Brown in the semi-finals.

The final doubles was quite a match. The Tech pair showed themselves very much superior to the Amherst players. Larned was particularly good at the net and Coffin handled himself finely. The Amherst team's game was not even, brilliant work being followed by erratic strokes.

The summary for the Tech matches are:

SINGLES.

FIRST ROUND.

Budling (Brown) beat Fanning (Tech), 7-5, 2 6, 10-8.

Larned (Tech) beat Thompson (Williams), 6-4, 6-0.

SEMI-FINALS.

Larned (Tech) beat Stearns (Dartmouth), 6-0, 6-0.

Larned (Tech) beat White (Wesleyan), 7-5, 6-3.

FINAL.

Larned (Tech) beat Budlong (Brown), 5-7, 2-6, 6-3, 7-5, 6-1.

DOUBLES.

FIRST ROUND.

Larned and Coffin (Tech) beat Rotch and McLain (Dartmouth), 6-3, 6-3.

SEMI-FINALS.

Larned and Coffin (Tech) beat Budlong and Wycoff (Brown), 6-4, 6-2.

FINALS.

Larned and Coffin (Tech) beat Wolff and Graham (Amherst), 6-3, 6-2, 6-0.

CLUBS ENTERTAIN SENIORS.

On Saturday evening, the combined Glee, Banjo, and Mandolin Clubs gave a concert in Huntington Hall to a large and appreciative audience of seniors and their friends. The clubs gave an excellent program and did the best work of this year.

The program consisted of practically the same numbers that were presented at the spring concert, but were given with a much better vim and feeling that captured the audience. The soloists were Thompson, '09, with his 'cello, Arthur Killion, in a vocal selection and Fales, '07 and Louie Killion, '05, in a banjo duet.

Each of the clubs did excellent work, the Banjo Club being especially well received. The "Indian War Dance" of the club made the hit of the evening, the yells of a member of the audience adding greatly to the realistic effect of the selection.

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